

Work Order ID 157049

Friday, February 10, 2017 9:05:01 AM

157049

Page 1

Ship Mar 22

Item ID: 647.3702

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: 412 Cable Cutter System, High

Start Date: 2/10/2017 Start Qty: 1.00

1

Cust Item ID:

Required Date: 3/17/2017 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: umf.Date: 17-2-10

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

647.3700

NC3

DAS
6
9-89

FEB 28 2017

DAS
21
9-89

17-02-28

100

100

DOCUMENT CONTROL

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile & type labels per PPP 647.3702

DAS
28
9-89

MAR 08 2017

110

110

Pick Kit

0.00

Packaging

Memo

0.00

Packaging

DAS
6
9-89DAS
27
9-89

MAR 06 2017

120

120

QC4- 100% Inspect kits for completeness

0.00

QC

Memo

0.01

Quality Control

DAS
28
9-89

MAR 08 2017

Work Order ID 157049

Friday, February 10, 2017 9:05:01 AM

157049

Page 2

Item ID: 647.3702 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: 412 Cable Cutter System, High
Start Date: 2/10/2017 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 3/17/2017 Req'd Qty: 1.00 ***1*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
130	Packaging					DAS 28 9-89			
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP 647.3702 Location: Pg 103								MAR 08 2017
140	QC21- Final Inspection - Work Order Release	0.00							
140							DAS 21 9-89		MAR 08 2017
QC	Memo	0.02							
Quality Control									

DAS
21
9-89**MAR 08 2017**

Picklist Print

Friday, February 10, 2017 9:04:59 AM

Page 2

Work Order ID: 157049

157049

Parent Item: 647.3702

647 3702

Parent Item Name: 412 Cable Cutter System, High

Start Date: 2/10/2017

Required Date: 3/17/2017

Start Qty: 1.00

Required Qty: 1.00

647.4010
647 4010
Wiper Deflector RH

Manufactured No

110 Each

9.0000

1 1
**

MAR 06 2017

DAS 6 27
9-89 9-89

Location

Loc Qty

Loc Code

cck060

9

120740

9

647.4011
647 4011
Wiper Deflector LH

Manufactured No

110 Each

7.0000

1 1
**

MAR 06 2017

DAS 6 27
9-89 9-89

Location

Loc Qty

Loc Code

cck060

7

120741

7

647.4110
647 4110
Doubler

Manufactured No

110 Each

6.0000

1 1
**

MAR 06 2017

DAS 6 27
9-89 9-89

Location

Loc Qty

Loc Code

CCK080

6

120987

6

647.4111
647 4111
Doubler

Manufactured No

110 Each

6.0000

1 1
**

MAR 06 2017

DAS 6 27
9-89 9-89

Location

Loc Qty

Loc Code

cck111

6

120743

6

647.4112
647 4112
Clip

Manufactured No

110 Each

4.0000

1 1
**

MAR 06 2017

DAS 6 27
9-89 9-89

Location

Loc Qty

Loc Code

CCK112

4

145327

4

Friday, February 10, 2017 9:04:59 AM

Shop Packet Print

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Picklist Print

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Page 3

Work Order ID: 157049

157049

Parent Item: 647.3702

647 3702

Parent Item Name: 412 Cable Cutter System, High

Start Date: 2/10/2017

Required Date: 3/17/2017

Start Qty: 1.00

Required Qty: 1.00

647.4113 Manufactured No

110 Each 6.0000 1 1

647 4113

Clip

DAS
28
9-89

Location

Loc Qty

Loc Code

CCK112

6

145488

6

647.4114 Manufactured No

110 Each 17.0000 2 2

647 4114

Shim

DAS
28
9-89

Location

Loc Qty

Loc Code

CCK112

17

120746

17

647.4115 Manufactured No

110 Each 17.0000 2 2

647 4115

Shim

DAS
28
9-89

Location

Loc Qty

Loc Code

CCK112

17

120746

2

154293

10

154497

5

647.4116 Manufactured No

110 Each 10.0000 1 1

647 4116

Shim

DAS
28
9-89

Location

Loc Qty

Loc Code

CCK112

10

121064

10

DAS
6
9-89

DAS
27
9-89

DAS
6
9-89

DAS
27
9-89

DAS
6
9-89

DAS
27
9-89

DAS
6
9-89

DAS
27
9-89

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Picklist Print

Friday, February 10, 2017 9:05:00 AM

Page 5

Work Order ID: 157049

157049

Parent Item: 647.3702

647 3702

Parent Item Name: 412 Cable Cutter System, High

Start Date: 2/10/2017

Required Date: 3/17/2017

Start Qty: 1.00

Required Qty: 1.00

647.4312

Manufactured No

110 Each

2.0000

1 1

647 4312

LH Upper Strut

**

DAS 6 9-89 MAR 06 2017

Location

Loc Qty

Loc Code

CCK074

2

147045

2

647.4313

Manufactured No

110 Each

2.0000

1 1

647 4313

RH Upper Strut

**

DAS 6 9-89 MAR 06 2017

Location

Loc Qty

Loc Code

CCK075

2

147046

2

NAS1149FN832P

Purchased No

110 Each

1,267.000

34 34

NAS1149FN832P

Washer

**

DAS 6 9-89 MAR 06 2017

Location

Loc Qty

Loc Code

GA

564

M135058

232

M136182

332

ST263

703

M136182

703

NAS1149F0332P

Purchased No

110 Each

1,489.000

157 157

NAS1149F0332P

Washer

**

DAS 6 9-89 MAR 06 2017

Location

Loc Qty

Loc Code

GA

335

m133709

335

ST262

1154

m136442

1154

DAS 28 9-89

Picklist Print

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Page 6

Work Order ID: 157049

157049

Parent Item: 647.3702

647 3702

Parent Item Name: 412 Cable Cutter System, High

Start Date: 2/10/2017

Required Date: 3/17/2017

Start Qty: 1.00

Required Qty: 1.00

MS27039-1-07

Purchased

No

110

Each

111.0000

12

12

MS27039-1-07

Screw

**

DAS
6
9-89

MAR 06 2017

DAS
27
9-89

Location

Loc Qty

Loc Code

GA

2

125654

2

ST281

109

m135948

109

MS27039-1-10

Purchased

No

110

Each

285.0000

42

42

MS27039-1-10

SCREW

**

DAS
6
9-89

MAR 06 2017

DAS
27
9-89

Location

Loc Qty

Loc Code

GA

17

m129541

17

ST280

268

m135774

268

MS27039-08-08

Purchased

No

110

Each

279.0000

16

16

MS27039-08-08

Screw

**

DAS
6
9-89

MAR 06 2017

DAS
27
9-89

Location

Loc Qty

Loc Code

CA

8

m130113

8

over006

200

m130325

200

ST278

71

m130113

71

Picklist Print

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Work Order ID: 157049

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Parent Item: 647.3702

647 3702

Parent Item Name: 412 Cable Cutter System, High

Start Date: 2/10/2017

Required Date: 3/17/2017

Start Qty: 1.00

Required Qty: 1.00

MS27039-1-09

Purchased

No

110

Each

191.0000

14

14

MS27039-1-09

Screw

**

DAS
6
9-89

DAS
27
9-89

MAR 06 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

FP001

32

18057

32

GA

50

124859

50

ST280

109

m125654

24

m135056

85

14

MS27039-08-11

Purchased

No

110

Each

235.0000

2

2

MS27039-08-11

SCREW

**

DAS
6
9-89

DAS
27
9-89

MAR 06 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

ST278

235

m135864

235

2

MS24694-S49

Purchased

No

110

Each

172.0000

1

1

MS24694-S49

Screw

**

DAS
6
9-89

DAS
27
9-89

MAR 06 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

over006

100

m129499

100

ST284

72

m129702

72

1

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Work Order ID: 157049

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Parent Item: 647.3702

647 3702

Parent Item Name: 412 Cable Cutter System, High

Start Date: 2/10/2017

Required Date: 3/17/2017

Start Qty: 1.00

Required Qty: 1.00

MS24694-C53

Purchased

No

110

Each

102.0000

8

8

MS24694-C53

Screw

DAS
28
9-89

Location

Loc Qty

Loc Code

ST285

102

m129702

2

m136444

100

110

Each

2.0000

1

1

601.3073

Purchased

No

601 3073

Connector

DAS
28
9-89

Location

Loc Qty

Loc Code

CCK099

2

M135532

2

110

Each

370.0000

3

3

AN3-4A

Purchased

No

AN3-4A

Bolt

DAS
28
9-89

Location

Loc Qty

Loc Code

ST350

370

m135704

37

m136579

333

110

Each

530.0000

8

8

AN3-11A

Purchased

No

AN3-11A

Bolt

DAS
28
9-89

Location

Loc Qty

Loc Code

over003

456

153855

356

m136192

100

ST349

74

153855

74

Picklist Print

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Work Order ID: 157049

157049

Parent Item: 647.3702

647 3702

Parent Item Name: 412 Cable Cutter System, High

Start Date: 2/10/2017

Required Date: 3/17/2017

Start Qty: 1.00

Required Qty: 1.00

AN3C10A Purchased No
AN3C10A
 Bolt

110 Each 10.0000 2 2

**

DAS
6
9-89

DAS
27
9-89

MAR 06 2017

Location

Loc Qty

Loc Code

ST349

10

m136192

10

Each

0.0000

2
6

DAS
9-89

MAR 06 2017

CR3212-4-1 Purchased No
CR3212-4-1
 Cherry Rivet

110 Each 92.0000 6 6

**

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST320

92

m136321

92

Each

300.0000

12
17

DAS
6
9-89

DAS
27
9-89

CR3212-4-3 Purchased No
CR3212-4-3
 Cherry Rivet

110 Each 0.0000 4 4

**

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

CCK003

300

m135408

100

m136741

200

119017

CR3212-4-4 CR3212-4-04 Purchased No
CR3212-4-4
 CHERRY RIVET

136263

MAR 06 2017

Picklist Print

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Work Order ID: 157049

157049

Parent Item: 647.3702

647 3702

Parent Item Name: 412 Cable Cutter System, High

Start Date: 2/10/2017

Required Date: 3/17/2017

Start Qty: 1.00

Required Qty: 1.00

CCR264SS3-04 Purchased No

110 Each 182.0000 12 12

CCR264SS3-04

Rivet

DAS
28
9-89

Location

Loc Qty

Loc Code

ST321

182

123785

182

**

DAS
6
9-89

MAR 06 2017

DAS
27
9-89

CCR264SS-3-03 Purchased No

110 Each 175.0000 16 16

CCR264SS-3-03

Cherry Rivet

DAS
28
9-89

Location

Loc Qty

Loc Code

LG001

13

m134023

13

ST321

162

m136182

162

**

DAS
6
9-89

MAR 06 2017

DAS
27
9-89

CR3213-4-2 Purchased No

110 Each 144.0000 13 13

CR3213-4-2

Cherry Rivet

DAS
28
9-89

Location

Loc Qty

Loc Code

CCK003

100

m135979

100

ST320

44

m135704

44

**

DAS
6
9-89

MAR 06 2017

DAS
27
9-89

CR3213-4-3 Purchased No

110 Each 92.0000 32 32

CR3213-4-3

Rivet, Cherry

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

92

m136042

92

**

DAS
6
9-89

MAR 06 2017

DAS
27
9-89

Friday, February 10, 2017 9:05:00 AM

Shop Packet Print

Page 10

Picklist Print

Friday, February 10, 2017 9:05:00 AM

Page 12

Work Order ID: 157049

157049

Parent Item: 647.3702

647 3702

Parent Item Name: 412 Cable Cutter System, High

Start Date: 2/10/2017

Required Date: 3/17/2017

Start Qty: 1.00

Required Qty: 1.00

MS21047L08 Purchased No

110 Each 56.0000 6 6

MS21047L08

Nut Plate

DAS
28
9-89

Location

Loc Qty

Loc Code

ST301

56

m135566

6

m136406

50

**

DAS
6
9-89

MAR 06 2017
DAS
27
9-89

MS21047-3 Purchased No

110 Each 172.0000 4 4

MS21047-3

Nut Plate

DAS
28
9-89

Location

Loc Qty

Loc Code

ST301

172

m136442

82

m136740

28

m136781

62

**

DAS
6
9-89

MAR 06 2017
DAS
27
9-89

MS21071L3 Purchased No

110 Each 84.0000 4 4

MS21071L3

ANCHOR NUT

DAS
28
9-89

Location

Loc Qty

Loc Code

ST299

84

125654

84

**

DAS
6
9-89

MAR 06 2017
DAS
27
9-89

601.3083 Manufactured No

110 Each 3.0000 1 1

601 3083

Adhesive Rubber Seal

DAS
28
9-89

Location

Loc Qty

Loc Code

cck009

3

150862

3

**

DAS
6
9-89

MAR 06 2017
DAS
27
9-89

Friday, February 10, 2017 9:05:00 AM

Shop Packet Print

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Picklist Print

Page 13

Friday, February 10, 2017 9:05:00 AM

Work Order ID: 157049

157049

Parent Item: 647.3702

647 3702

Parent Item Name: 412 Cable Cutter System, High

Start Date: 2/10/2017

Required Date: 3/17/2017

Start Qty: 1.00

Required Qty: 1.00

600.1012 Purchased No

110 Each 10.0000 1 1

600 1012

Sealant PR1425B2 (#654 sem)

**

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

cck017

10

m136554

8

m136586

2

601.2045 Purchased No

110 Each 16.0000 1 1

601 2045

RTV (LOCTITE 598) McMaster p/n: 6641A41

**

DAS
6
9-89

MAR 06 2017

Location

Loc Qty

Loc Code

CCK096

8

m136548

8

GA

8

m134260

8

10/18

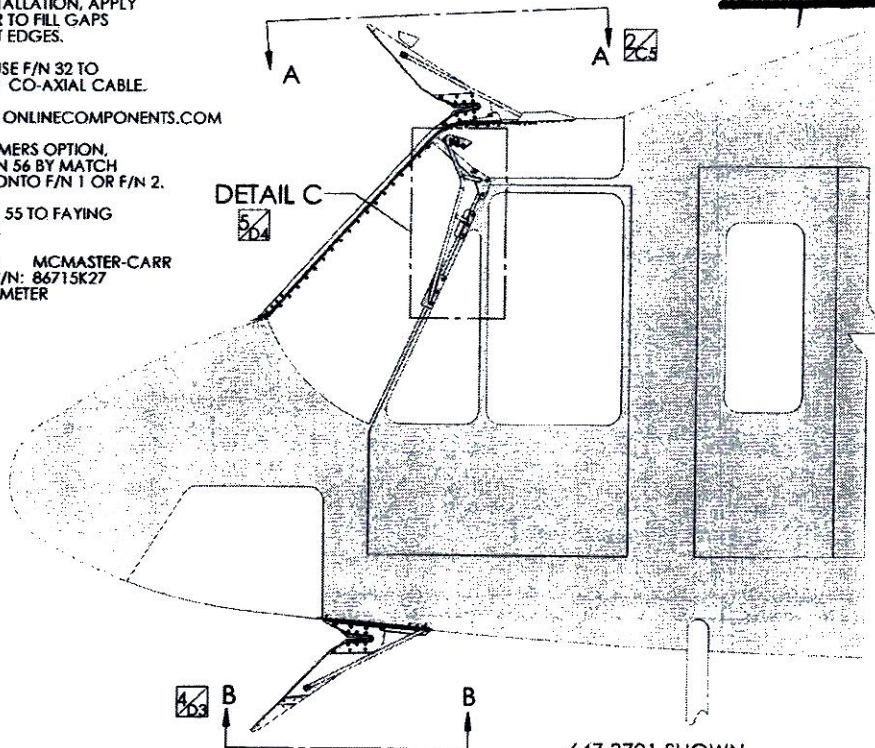
DAS
28
9-89

136902

DAS
27
9-89

NOTES:

- DETAIL C



647.3701 SHOWN

	REF	REF	REF	REF	56	647.5701	GPS MOUNT KIT			A
	A/R	A/R	A/R	A/R	55	601.2045	RTV	LOCITE 898		B
	A/R	A/R	A/R	A/R	54	601.1012	SEALANT	PR-125 GLASS II		C
	I	I	I	I	53	601.3083	ADHESIVE RUBBER SEAL	NR-R-306A		D
	4	4	4	4	52	601.2957	NUTPLATE	MS21071L3		E
	4	4	4	4	51	600.0795	NUTPLATE	MS21047-3		F
	6	6	6	6	50	601.3066	NUTPLATE	MS21047X00		G
	6	6	6	6	49	601.3065	NUTPLATE	MS21047X00		H
	18	18	18	18	48	601.2973	LOCKNUT	MS21042-08		I
	79	79	79	79	47	601.2943	LOCKNUT	MS21042-3		J
	4	4	4	4	46	601.2364	CHERRY RIVET	CR3213-4-6		K
	28	28	42	42	45	601.1183	CHERRY RIVET	CR3213-4-5		L
	16	16	19	19	44	601.1915	CHERRY RIVET	CR3213-4-4		M
	24	24	32	32	43	601.0790	CHERRY RIVET	CR3213-4-3		N
	31	31	13	13	42	601.1039	CHERRY RIVET	CR3213-4-2		O
	3704	3703	3702	3701	FIND	PART #	DESCRIPTION	MATL	SPEC	

UNINCORPORATED ECN(S)

07728, 04845, 04881

REVISION			
REV	DESCRIPTION	DATE	APPROVED
	EAST PROTON (PREVIOUS: INT)		N/C
N/C	INITIAL RELEASE	09-29-69	P. BRAYD

	16	16	16	16	41	601.2207	NUTPLATE RIVET	CCR264SS-304
	12	12	12	12	40	601.2491	NUTPLATE RIVET	CCR264SS-304
	7	7	4	4	39	601.1066	CHERRY RIVET	CR3212-4-4
	17	17	17	17	38	601.1065	CHERRY RIVET	CR3212-4-3
	5	5	6	6	37	601.1604	CHERRY RIVET	CR3212-4-2
	6	6	6	6	36	601.3082	CHERRY RIVET	CR3212-4-1
	2	2	2	2	35	601.1874	BOLT	ANDC10A
	8	8	8	8	34	601.2826	BOLT	AND-11A
	3	3	3	3	33	601.2823	BOLT	AND-4A
	1	1	1	1	32	601.3073	CONNECTOR	085-4440
	8	8	8	8	31	601.2419	SCREW	MS24484CS
	1	1	1	1	30	601.3070	SCREW	MS24694-S49
	2	2	2	2	29	601.2893	SCREW	MS27039-08-1
	14	14	14	14	28	601.3069	SCREW	MS27039-1-09
	16	16	16	16	27	601.2263	SCREW	MS27039-08-08
	42	42	42	42	26	601.1365	SCREW	MS27039-1-10
	12	12	12	12	25	601.2198	SCREW	MS27039-1-07
	157	157	157	157	24	601.1607	WASHER	NAS1149N833P
	34	34	34	34	23	601.2764	WASHER	NAS1149N832P
	1	1	1	1	22	647.4313	RH UPPER STRUT	
	1	1	1	1	21	647.4312	LH UPPER STRUT	
	1	1	1	1	20	647.4310	LH LOWER STRUT	
	1	1	1	1	19	647.4311	RH LOWER STRUT	
	1	1			18	647.4212	PLATE	
	1	1	1	1	17	647.4211	BRACKET RH	
	1	1	1	1	16	647.4210	BRACKET LH	
	1	1	1	1	15	647.4116	SHIM	
	2	2	2	2	14	647.4115	SHIM	
	2	2	2	2	13	647.4114	SHIM	
	1	1	1	1	12	647.4113	CLIP	
	1	1	1	1	11	647.4112	CLIP	
	1	1	1	1	10	647.4111	DOUBLER	
	1	1	1	1	9	647.4110	DOUBLER	
	1	1	1	1	8	647.4011	WIPER DEFLECTOR LH	
	1	1	1	1	7	647.4010	WIPER DEFLECTOR RH	
	1	1	1	1	6	647.3915	DEFLECTOR	
	1	1	1	1	5	647.4410	RAIL	
	1	1			4	647.3804	LOWER CUTTER ASSY HIGH	
	1	1			3	647.3803	LOWER CUTTER ASSY LOW	
	1	1			2	647.3802	212 UPPER CUTTER ASSY	
			1	1	1	647.3801	412 UPPER CUTTER ASSY	
						647.3704	204, 205, 212 CABLE CUTTERS KIT HIGH	
						647.3703	204, 205, 212 CABLE CUTTERS KIT LOW	
						647.3702	412 CABLE CUTTERS KIT HIGH	
						647.3701	412 CABLE CUTTERS KIT LOW	

[illegible]



TRANSACTION CODES (TC):
A-ADD C-CREATE
R-REVISE D-DELETE

ENGINEERING CHANGE NOTICE NO.

04881

SHEET 1 OF 1

DWG NO. 647.3700

REV: N/C

PREPARED
BY

J. BECKER

DATE: 02/26/15

EFFECT ON DWG

☐ INC. ☒ UNINC.

DWG TITLE: 412 CABLE CUTTERS KIT

APPROVED BY:

ENGR

MFG

QC

EFF.

NEXT ORDER

REASON: DELETED F/N 57, REVISED F/N 6.

ECR:

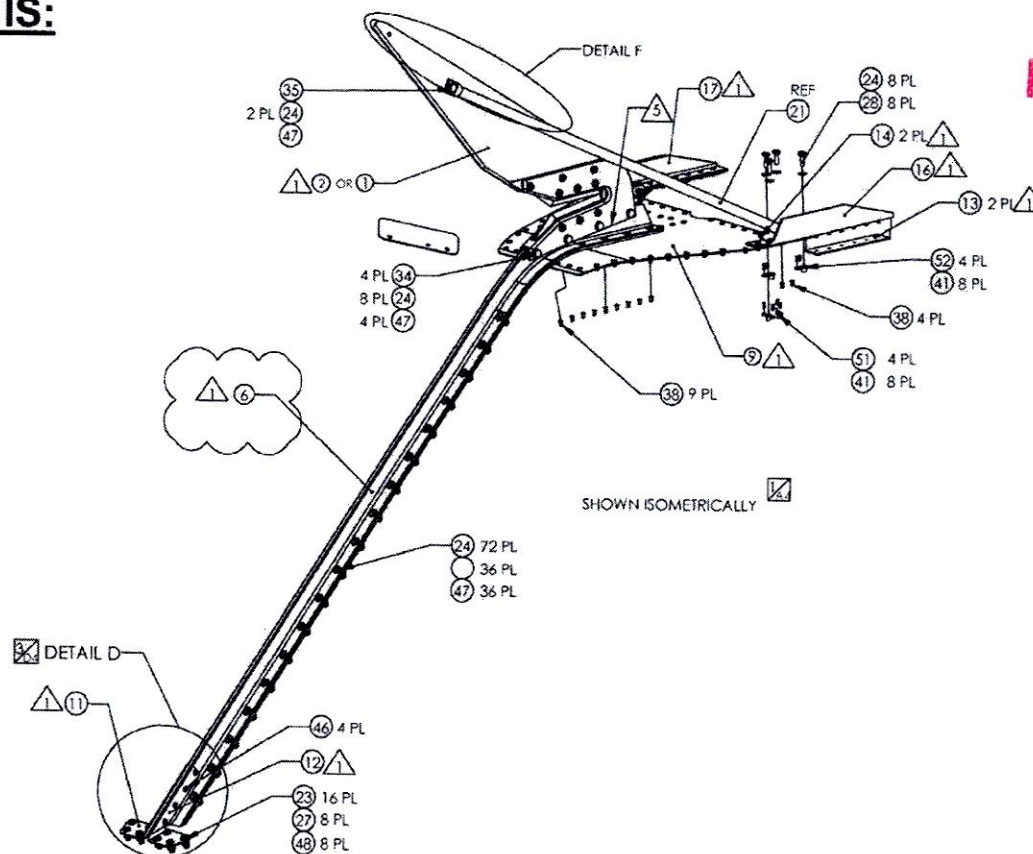
N/A

SHEET 1, ZONE C5 IS:

ACTION ITEM:

—

REFERENCE ONLY



57	D	647.3916	1	1	1	1	DEFLECTOR UPPER HALF			
6	R	647.3903	1	1	1	1	DEFLECTOR ASSEMBLY			
F/N	TC	PART NUMBER	3704	3703	3702	3701	DESCRIPTION		MATERIAL	SPECIFICATION
			QTY							
DOCUMENTS EFFECTED:							CHANGE CATEGORY		DER REVIEW REQUIRED	
☐ PATTERN ☐ MDL ☐ INSTALL INSTRUCTIONS ☐ ICA ☐ FMS ☒ BOM							☐ MAJOR ☒ MINOR		☐ YES ☒ NO	